

APPENDIX F
CORPS OF ENGINEER CENTERS OF EXPERTISE
AND
LABORATORIES

Refer to ER 1110-3-109, Corps-Wide Centers of Expertise Assigned to Divisions and Districts, for a more detailed description of this subject area. Although DEHs and BCEs can contact these organizations directly, it is recommended that they first coordinate with their supporting MSC or district to obtain services from centers of expertise and laboratories.

Centers of expertise, and their mission areas, are listed and defined as follows:

Technical Center of Expertise (TCX). A TCX is defined as a division or district organization element which currently possesses a demonstrated, credible, technical capability in a specialized subject area applicable to the Army's military function, that can be of beneficial use to other Corps field offices. This recognized capability can be resident in a single person or be the collective capability of an organizational unit. The service to be rendered by a TCX to an FOA are advisory only, unless specifically requested to be otherwise by the FOA seeking assistance.

| <u>TCX Mission Area.</u> | <u>Assigned Center</u> | <u>HQUSACE Proponent</u> |
|--|-------------------------|--------------------------|
| Desalinization Plants | Transatlantic Division | CEMP-ET |
| Desert Facilities | Transatlantic Division | CEMP-ET |
| Energy Performance Standards and Energy Analysis | South Atlantic Division | CEMP-ET |
| Renewable Forms of Energy | Southwestern Division | CEMP-ET |
| Subsurface Exploration | Mobile District | CEMP-ET |
| Aircraft Hanger Fire Protection | Transatlantic Division | CEMP-ET |
| Central Boiler Plants | Huntsville Division | CEMP-ET |
| Heating, Ventilating and Air Conditioning (HVAC) Control Systems | Savannah District | CEMP-ET |

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| <u>TCX Mission Area.</u> | <u>Assigned Center</u> | <u>HQUSACE Proponent</u> |
|--|-------------------------|------------------------------|
| Interior Design | Omaha District | CEMP-EA |
| Energy Engineering Analysis Program (EEAP) | South Atlantic Division | CEMP-ET |
| Underground Heat Distribution Systems (UGHDS) | Missouri River Division | CEMP-ET |
| Superfund/Hazardous Waste Cleanup | Missouri River Division | CEMP-ET |

Mandatory Centers of Expertise (MCX). A MCX is defined as a division or district organizational element which currently possesses a demonstrated, credible, technical capability in a specialized subject area that is of beneficial use to other Corps field offices, and whose utilization by various other USACE FOA has been mandated by HQUSACE by regulation.

| <u>MCX Mission Area.</u> | <u>Assigned Center</u> | <u>HQUSACE Proponent</u> |
|---|--|------------------------------|
| Energy Monitoring and Control Systems (EMCS) | Huntsville Division | CEMP-ET |
| Intrusion Detection Systems | Huntsville Division | CEMP-ET |
| Protective Design | Missouri River Division | CEMP-ET |
| Army Range Program / Selected Indoor Training Facilities | Huntsville Division | CEMP-EA |
| Tactical Vehicle Wash Facilities | Louisville District | CEMP-ET |
| Transportation Systems | Missouri River Division North Pacific Division South Atlantic Division | CEMP-ET |
| Expansive Soils | Fort Worth District | CEMP-ET |

Design Centers. A design center is a specified Corps field office which is assigned a singular technical mission that is permanent and Corps-wide in scope. The designated office is to be considered the "lead activity" in a specialized area where capability needs to be concentrated for maximum effectiveness, economy, and/or efficiency.

| <u>Mission Area.</u> | <u>Assigned Center</u> | <u>HQUSACE Proponent</u> |
|-------------------------|----------------------------------|--------------------------|
| Medical Facilities | Medical Facilities Design Office | CEMP-EM |
| Mobilization (M) Design | Huntsville Division | CEMP-EA |

Technical Management Center. A technical management center is a specified Corps field office which is assigned a primary management responsibility for a particular program, and is authorized by separate correspondence from HQUSACE.

| <u>Mission Area.</u> | <u>Assigned Center</u> | <u>HQUSACE Proponent</u> |
|--|---|--------------------------|
| Area Oriented Depots | South Pacific Division Sacramento District | CEMP-MA |
| Strategic Defense Initiative Strategic Defense Command | Huntsville Division | CEMP-MG |
| Chemical Demilitarization Facilities | Huntsville Division | CEMP-MA |
| Production Base Support - Ammunition Plants | Huntsville Division | CEMP-MG |
| Mobilization Master Planning for AMC & MTMC Installations | North Central Division | CEMP-EA |

Centers of Standardization (COS). A COS is a USACE division or district organization selected by the USACE Facilities Standardization Committee to be the supporting USACE design agency for developing a Department of the Army (DA) standard design package(s) for a specific facility type.

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| <u>COS Mission Area.</u> | <u>Assigned Center</u> | <u>Proponent</u> |
|---|------------------------|--|
| Army Reserve Centers | Louisville District | CEMP-EA is the proponent for all standards |
| Aviation Maintenance Hangers | Huntsville Division | |
| Barracks Modernization | Fort Worth District | |
| Basic Trainee Barracks | Tulsa District | |
| Battalion Headquarters | Sacramento District | |
| Bowling Alleys | Louisville District | |
| Brigade Headquarters | Sacramento District | |
| Central Issue Facilities | Seattle District | |
| Chapels/Family Support Centers | Omaha District | |
| Child Development Center Facilities | Huntsville Division | |
| Company Administration and Supply | Savannah District | |
| Criminal Investigation Division Command Facilities | Omaha District | |
| Enlisted Personnel Dining Facilities | Norfolk District | |
| Fire Stations | Huntsville Division | |
| Flight Simulators | Mobile District | |
| General Purpose Warehouse | Seattle District | |
| Information Systems Warehouses | New York District | |
| NCO Academies | Fort Worth District | |
| Physical Fitness Facilities | Huntsville Division | |

| <u>COS Mission Area.</u> | <u>Assigned Center</u> | <u>HQUSACE Proponent</u> |
|--|------------------------|--|
| Tactical Vehicle Maintenance Facilities | Savannah District | CEMP-EA is the proponent for all standards |
| Troop Issue Subsistence Activities | Norfolk District | |
| Unaccompanied Enlisted Personnel Housing | Savannah District | |
| Unaccompanied Officer Personnel Housing | Tulsa District | |
| Youth Activity Centers | Little Rock District | |

Laboratories. Research and Development Laboratories are operated by the Corps for the purpose of research, development and testing of new engineering concepts and systems, or testing and evaluation of existing engineering and geo-technical features.

USACE Laboratories: Several laboratories provide services Corps-wide and to many other customers. These laboratories are listed as follows:

U.S. Army Engineer Topographic Engineering Center, CETEC, Telegraph and Leaf Roads, Fort Belvoir, VA, 22060-5546.

U.S. Army Cold Regions Research Laboratory, CECRL, 72 Lyme Road, Hanover, NH, 03755-1290.

U.S. Army Waterways Experiment Station, CEWES, 3909 Halls Ferry Road, Vicksburg, MS, 39180-6199.

U.S. Army Construction Engineering Research Laboratory, CECER, P.O. Box 4005, Champaign, IL, 61824-4005.

Division and District Laboratories: Each division and most districts operate geo-technical testing laboratories. In addition to supporting division and district accomplished projects, these laboratories are available to the DEH/BCE for their locally accomplished projects. The laboratories can also perform various testing and measurement operations, such as those needed for compliance with state and local environmental laws and regulations.

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Separate Field Operating Activities. There are several USACE field operating activities (FOA) whose missions include support to the DEH/BCE community. These FOA's are listed as follows:

U.S. Army Engineering and Housing Support Center, CEHSC, Building Number 2593, Fort Belvoir, VA, 22060-5515.

U.S. Army Toxic and Hazardous Materials Agency, CETHA, Building Number E4460, Aberdeen Proving Ground, MD, 21010-5401.